

Hs Kwok

List of Publications by Year in descending order

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36
papers

886
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471509

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580821

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g-index

36
all docs

36
docs citations

36
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved ITO thin films with a thin ZnO buffer layer by sputtering. Thin Solid Films, 2000, 360, 75-81.	1.8	99
2	Enhanced drilling using a dual-pulse Nd:YAG laser. Applied Physics A: Materials Science and Processing, 2001, 73, 45-48.	2.3	75
3	Preparation of indium tin oxide films at room temperature by pulsed laser deposition. Thin Solid Films, 1993, 232, 99-104.	1.8	73
4	Effects of longitudinal grain boundaries on the performance of MILC-TFTs. IEEE Electron Device Letters, 1999, 20, 97-99.	3.9	73
5	Dependence of the current and power efficiencies of organic light-emitting diode on the thickness of the constituent organic layers. IEEE Transactions on Electron Devices, 2001, 48, 2131-2137.	3.0	59
6	The effects of extended heat treatment on Ni induced lateral crystallization of amorphous silicon thin films. IEEE Transactions on Electron Devices, 1999, 46, 78-82.	3.0	57
7	Photo-aligned ferroelectric liquid crystal displays based on azo-dye layers. Displays, 2004, 25, 21-29.	3.7	51
8	Correlation between plasma dynamics and thin film properties in pulsed laser deposition. Applied Surface Science, 1997, 109-110, 595-600.	6.1	48
9	High-performance polycrystalline SiGe thin-film transistors using Al ₂ O ₃ gate insulators. IEEE Electron Device Letters, 1998, 19, 502-504.	3.9	44
10	Photo-patterned e-wave polarizer. Displays, 2001, 22, 27-32.	3.7	37
11	Top-Emitting OLED Using Praseodymium Oxide Coated Platinum as Hole Injectors. IEEE Transactions on Electron Devices, 2004, 51, 1207-1210.	3.0	35
12	Pulsed laser deposited crystalline ultrathin indium tin oxide films and their conduction mechanisms. Thin Solid Films, 1998, 335, 299-302.	1.8	34
13	Dynamics of in situ YBa ₂ Cu ₃ O ₇ superconducting film formation. Physica C: Superconductivity and Its Applications, 1991, 177, 122-128.	1.2	33
14	Performance of thin-film transistors with ultrathin Ni-MILC polycrystalline silicon channel layers. IEEE Electron Device Letters, 1999, 20, 167-169.	3.9	30
15	Dopant emission mechanism and the effects of host materials on the behavior of doped organic light-emitting diodes. IEEE Transactions on Electron Devices, 2002, 49, 1540-1544.	3.0	27
16	Pulsed laser deposition of silicate phosphor thin films. Applied Physics A: Materials Science and Processing, 1999, 69, S39-S43.	2.3	19
17	Optical functions of tris (8-hydroxyquinoline) aluminum (Alq ₃) by spectroscopic ellipsometry. Applied Physics A: Materials Science and Processing, 2003, 76, 219-223.	2.3	18
18	Picosecond CO ₂ laser pulses and their applications. Infrared Physics, 1985, 25, 53-59.	0.5	15

#	ARTICLE	IF	CITATIONS
19	Indium tin oxide on InP by pulsed laser deposition. <i>Thin Solid Films</i> , 1995, 258, 260-263.	1.8	13
20	Coherent multiphoton excitation of SF ₆ by picosecond laser pulses. <i>Chemical Physics Letters</i> , 1984, 111, 33-37.	2.6	12
21	The effects of MIC/MILC interface on the performance of MILC-TFTs. , 0, , .		12
22	Improving the Performance of Organic Light-Emitting Diodes Containing BCP/LiF/Al by Thermal Annealing. <i>Journal of Display Technology</i> , 2006, 2, 138-142.	1.2	7
23	Spectroscopic ellipsometry of 3,4,9,10-perylenetetracarboxylic dianhydride (PTCDA). <i>Applied Physics A: Materials Science and Processing</i> , 2003, 77, 649-653.	2.3	4
24	In-situ resistance measurements during pulsed laser deposition of ultrathin films. <i>Applied Surface Science</i> , 1996, 106, 51-54.	6.1	3
25	Reduction of threshold voltage in metal-induced-laterally-crystallized thin film transistors. , 0, , .		3
26	A compact and high-resolution video projector based on silicon light valves. <i>IEEE Transactions on Consumer Electronics</i> , 1999, 45, 1144-1149.	3.6	2
27	Application of metal-induced unilaterally crystallized polycrystalline silicon thin-film transistor technology to active-matrix organic light-emitting diode displays. , 0, , .		2
28	Reverse short-channel effect in metal-induced laterally crystallized polysilicon thin-film transistors. <i>IEEE Electron Device Letters</i> , 1999, 20, 566-568.	3.9	1
29	Integrated digital input driver for active matrix liquid-crystal-on-silicon display. , 0, , .		0
30	Fast Prototyping Of Video Interface Controller For AMLCD System. , 1997, , .		0
31	Experimental characterization of p-channel polysilicon conductivity modulated thin-film transistors. , 0, , .		0
32	Liquid-crystal-on-silicon XGA projection display using mixed-mode twisted nematics. , 0, , .		0
33	Optics of LCOS projection system based on wire-grid polarizers. , 0, , .		0
34	Silicon microdisplay with photo-alignment. , 0, , .		0
35	Truly bistable twisted nematic liquid crystal display. , 0, , .		0
36	Photoalignment technology for liquid crystal displays: physics and application. , 2005, , .		0